LAW OFFICE OF DALE F. REGELMAN, P.C.

4231 S. Fremont Avenue, Tucson, AZ 85714 U.S.A. TEL 520-741-7636 FAX 520-746-9114

Docket No.: TUC920030140US1
Date: November 20, 2003

MAIL STOP PATENT APPLICATION COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VIRGINIA 22313-1450

Name of person mailing:

22241 U.S. PTO 10/719487 112003

Dear Sir: Transmitted herewith for filing is the patent application of: Inventor:CORONADO, et al. For:Apparatus And Method To Control Access To Logical Volumes Using One Or More Copy Services Enclosed are the following: [X] Specification35 _ pages; Claims17 _ pages; Abstract1 _ page	ALEXANDRIA, VIRGINIA 2	22313-1450	•	و ا	
Inventor: CORONADO, et al.	Dear Sir:			ر ان	
Inventor: CORONADO, et al.	Transmitted herewith for filing is the patent application of:			2241	
Enclosed are the following: [X] Specification 35 pages; Claims 17 pages; Abstract 1 page [X] Declaration and Power of Attorney [X] Sheet(s) of drawings 6 pages [X] An assignment of the invention to: International Business Machines Corporation [] A certified copy of application No. filled [] Prior Art Disclosure Statement [] Prior Art Disclosure Statement [] Priority is hereby claimed under 35 USC 119 by way of patent application [] Applicant claims small entity status. See 37 CFR 1.27. Priority is hereby claimed under 35 USC 119 by way of patent application [] Benefit is hereby claimed under Title 35, United States Code 119(e) of United States provisional application No. filled The filling fee has been calculated as shown below: BASIC FEE: SMALL ENTITY LARGE ENTITY LAR	Inventor:CORONADO,	et al.			
Enclosed are the following: [X] Specification _35_ pages; Claims _17_ pages; Abstract _1_ page [X] Declaration and Power of Attorney [X] Sheet(s) of drawings _6_ pages [X] An assignment of the invention to:	For: Apparatus And Method	To Control Access	To Logical Volumes U	sing One Or More	
[X] Specification 35 pages; Claims 17 pages; Abstract 1 page [X] Declaration and Power of Attorney [X] Sheet(s) of drawings 6 pages [X] An assignment of the invention to: International Business Machines Corporation [1] A certified copy of application No. , filed [1] Proliminary Amendment [1] Preliminary Amendment [1] Preliminary Amendment [1] Priority is hereby claimed under 35 USC 119 by way of patent application [1] Priority is hereby claimed under Title 35, United States Code 119(e) of United States provisional application No. filed The filing fee has been calculated as shown below: BASIC FEE: SMALL ENTITY LARGE ENTITY BASIC FEE: S385.00 \$770.00 INDEPENDENT CLAIMS: 30 - 20 = x 9 = 10 x 18 = 180.00 INDEPENDENT CLAIMS: 3 - 3 = x 43 = x 86 = 10 x 18 = 180.00 INDEPENDENT CLAIMS: 3 - 3 = x 43 = x 86 = 10 x 18 = 180.00 [X] Check in the amount of \$950.00 to cover filing fees is enclosed. [X] Check in the amount of \$40.00 to cover the Assignment recordal fee is enclosed. The Commissioner is hereby authorized to charge any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Deposit Account No. 502262. CERTIFICATE OF EXPRESS MAILING "Express Mail" Mailing Label No. EV 280503472 US Date of Deposit: November 20, 2003 I hereby certify that this paper and the papers listed thereon are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, and is addressed to MAIL STOP PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.	eopy Scivices				
[3] Sheet(s) of drawings 6_ pages [X] An assignment of the invention to:	Enclosed are the following:		•		
Priority is hereby claimed under 35 USC 119 by way of	[X] Sheet(s) of drawings [X] An assignment of the [] A certified copy of [] Prior Art Disclosure	er of Attorney 6 pages invention to: application	Intermedianal Day's		
Priority is hereby claimed under 35 USC 119 by way of	[] Applicant claims small entity	status See 37 CFR i	1 27		
Benefit is hereby claimed under Title 35, United States Code 119(e) of United States provisional application No	Priority is hereby claimed under 35 USC 110 by way of				
TOTAL CLAIMS: TOTAL: TOTAL CLAIMS: TOTAL:	The filing fee has been calculated as shown below:				
INDEPENDENT CLAIMS: INDEPENDE					
INDEPENDENT CLAIMS: MULT. DEPEND. CLAIMS: TOTAL: \$ x86 =	TOTAL CLAIMS:	30 - 20 =			
MULT. DEPEND. CLAIMS: TOTAL: \$ 145 = + 290 = \$ \$950.00 [X] Check in the amount of \$950.00 to cover filing fees is enclosed. [X] Check in the amount of \$40.00 to cover the Assignment recordal fee is enclosed. The Commissioner is hereby authorized to charge any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Deposit Account No. 502262. Dale F. Regelman Attorney of Record Reg. No. 45,625 CERTIFICATE OF EXPRESS MAILING "Express Mail" Mailing Label No. EV 280503472 US Date of Deposit: November 20, 2003 I hereby certify that this paper and the papers listed thereon are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, and is addressed to MAIL STOP PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.	INDEPENDENT CLAIMS:				
[X] Check in the amount of \$950.00 to cover filing fees is enclosed. [X] Check in the amount of \$40.00 to cover the Assignment recordal fee is enclosed. The Commissioner is hereby authorized to charge any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Deposit Account No. 502262. Dale F. Regelman Attorney of Record Reg. No. 45,625 CERTIFICATE OF EXPRESS MAILING "Express Mail" Mailing Label No. EV 280503472 US Date of Deposit: November 20, 2003 I hereby certify that this paper and the papers listed thereon are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, and is addressed to MAIL STOP PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.	MULT. DEPEND. CLAIMS:				
[X] Check in the amount of \$950.00 to cover filing fees is enclosed. [X] Check in the amount of \$40.00 to cover the Assignment recordal fee is enclosed. The Commissioner is hereby authorized to charge any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Deposit Account No. 502262. Dale F. Regelman Attorney of Record Reg. No. 45,625 CERTIFICATE OF EXPRESS MAILING "Express Mail" Mailing Label No. EV 280503472 US Date of Deposit: November 20, 2003 I hereby certify that this paper and the papers listed thereon are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, and is addressed to MAIL STOP PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.	TOTAL:				
Dale F. Regelman Attorney of Record Reg. No. 45,625 CERTIFICATE OF EXPRESS MAILING "Express Mail" Mailing Label No. EV 280503472 US Date of Deposit: November 20, 2003 I hereby certify that this paper and the papers listed thereon are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, and is addressed to MAIL STOP PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.	[X] Check in the amount of \$950.00 to cover filing fees is enclosed.[X] Check in the amount of \$40.00 to cover the Assignment recordal fee is enclosed.				
"Express Mail" Mailing Label No. <u>EV 280503472 US</u> Date of Deposit: <u>November 20, 2003</u> I hereby certify that this paper and the papers listed thereon are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, and is addressed to MAIL STOP PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.	or credit any overpayment to Depos	nt Account No. 50226	Dale F. Regelman Attorney of Record	d under 37 CFR 1.16	
I hereby certify that this paper and the papers listed thereon are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, and is addressed to MAIL STOP PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.	. <u>Cer</u>	TIFICATE OF EXP	RESS MAILING		
indicated above, and is addressed to MAIL STOP PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.	"Express Mail" Mailing Label No	EV 280503472 US	Date of Deposit: N	ovember 20, 2003	
Signature of person mailing:	indicated above, and is addressed to P.O. Box 1450, Alexandria, Virginia	MAIL STOP PATE 22313-1450.	ited thereon are being dep	osited with the United	